BRUHATH BANGALORE MAHANAGARA PALIKE

Yelahanka Division

Comparitive Statement

me of Work: Improvements to roads and drains at Bettahalli Colony in ward no:03 of Yelahanka satellite town sub division

timate Amount:- 1,00,00,000.00

me of Contractor:- Sri .RaviKumar Gangadhar

proved amount:- 9185774/-

nder premium:- 4.95/-

No.	Description of Work	Unit	Qty as per ScheduleB			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference	
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19
1	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications	Cum	554.44	67.11	37210.00	1012.65	693.05	67.11	46512.00	319.60	67.11	21449.00	1012.65	67961.00	30751.00	0.00
2	KSRRB 300-46. Scarifying by mechanical means stone metal crust 50mm to 100mm thick by along with 20mm premix carpet / surface dressing and stacking of old serviceable materials including cost of all labour charges, HOM complete as per specifications	Sqm	4650.20	43.39	201775.00	0.00	0.00	43.39	0.00	0.00	43.39	0.00	0.00	0.00	0.00	201775.00
3	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications	Cum	531.30	2093.87	1112473.00	656.58	656.58	2093.87	1374801.00	0.00	2093.87	0.00	656.58	1374801.00	262328.00	0.00
4	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	Cum	1420.20	2100.54	2983201.00	984.88	984.88	2100.54	2068776.00	0.00	2100.54	0.00	984.88	2068776.00	0.00	914425.00
5	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications	Sqm	6174.80	31.15	192359.00	4377.23	4377.23	31.15	136360.00	0.00	31.15	0.00	4377.23	136360.00	0.00	55999.00
6	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications	Sqm	6174.80	13.35	82440.00	4377.23	4377.23	13.35	58440.00	0.00	13.35	0.00	4377.23	58440.00	0.00	24000.00
7	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 60/80 TPH capacity H.M.P. with Mechanical paver finisher	Cum	308.74	6725.52	2076438.00	218.86	218.86	6725.52	1471957.00	0.00	6725.52	0.00	218.86	1471957.00	0.00	604481.00
8	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver	Cum	234.25	7911.53	1853300.00	175.09	175.09	7911.53	1385223.00	0.00	7911.53	0.00	175.09	1385223.00	0.00	468077.00

Sl. No	Description of Work	Unit	Qty as per ScheduleB			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference	
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19
9	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks	Sqm	239.80	477.30	114456.00	139.23	139.23	477.30	66454.00	0.00	477.30	0.00	139.23	66454.00	0.00	48002.00
10	KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in	Nos	324.00	374.94	121480.00	54.00	54.00	374.94	20247.00	0.00	374.94	0.00	54.00	20247.00	0.00	101233.00
11	KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications	Cum	36.80	5690.83	209394.00	127.58	45.99	5690.83	261742.00	81.59	5690.83	464301.00	127.58	726043.00	516649.00	0.00
12	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity	Cum	36.80	5469.42	201248.00	102.91	45.99	5469.42	251559.00	56.91	5469.42	311279.00	102.91	562838.00	361590.00	0.00
					9185774.00				7142071.00			797029.00		7939100.00	1171318.00	2417992.00
	EIRL															
E1	KSRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications	Cum								148.05	225.94	33449.88	148.05	33449.88	33449.88	
E2	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification	Cum								48.09	7420.17	356827.97	48.09	356827.97	356827.97	
E3	KSRRB – M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, paicing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of	Tn								2.89	77654.86	224060.15	2.89	224060.15	224060.15	
E4	Providing and Fixing pre cast covering Slab 100mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of all materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc complete.As per Engineer incharge. (Data Rate)	Sqm								123.38	2452.68	302599.58	123.38	302599.58	302599.58	
E5	KSRB 4-1.6 : Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No:	Cum								5.69	6031.81	34321.01	5.69	34321.01	34321.01	
E6	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour handling and unloading, lead and lift,	Nos								632.00	453.89	286857.06	632.00	286857.06	286857.06	

Sl. No.	Description of Work	Unit	Qty as per Schedule8			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference	
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19
E7	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Specification No. KSRB MRDD-6	Sqm								85.35	89.00	7595.95	85.35	7595.95	7595.95	
														9184811.60	2417029.60	2417992.00
	Sub Total													963.00	963.00	
	Miscellaneous & Rounding off													9185774.00	2417992.60	2417992.00
	Total				9185774.00											

Ravi Kumar. G
Contractor

Assistant Engineer

Asst. Executive Engineer
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಜೆ ಜೆ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Executive Engineer
ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ
ಯಲಹಂಕ ವಿಭಾಗ

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

BRUHATH BANGALORE MAHANAGARA PALIKE

Yelahanka Division

Work Slip: As per Std Tender Documents

Name of Work: Improvements to roads and drains at Bettahalli Colony in ward no:03 of Yelahanka satellite town sub division

Estimate Amount:- 1,00,00,000.00

Name of Contractor:- Sri .RaviKumar Gangadhar

Approved amount:- 9185774/-

Tender premium:- 4.95/-

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Total Qty Executed	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	excess amount
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount		
1	2	3	4	5	6	10	11	12	13	14	15	16	17	18
1	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications.	Cum	554.44	67.11	37210.00	1012.65	693.05	67.11	46512.00	319.60	67.11	21449.00	67961.00	30751.00
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11	KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.46Scum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications	Cum	36.80	5690.83	209394.00	127.58	45.99	5690.83	261742.00	81.59	5690.83	464301.00	726043.00	516649.00
12	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing) & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and	Cum	36.80	5469.42	201248.00	102.91	45.99	5469.42	251559.00	56.91	5469.42	311279.00	562838.00	361590.00

KSRRB M800-14.
Reflectrising Glass Beads on Bituminous Su
Reflectrising Glass Beads on Bituminous Surface applied thermoplastic compound 2.5 mm thick including | Sqm | 139.23 | 422.30

tion of Work	Unit	Qty as per Quoted Rate			Total Qty Executed	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	excess amount	Savings amount
		Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount			
2	3	4	5	6	10	11	12	13	14	15	16	17	18	19
total													1171318.00	

: Percentage of Workslip over the sanctioned Estimate=Excess amount over the approved amount/ Approved Amount x 100

Approved Amount =	9185774.00
Excess Amount =	1171318.00
Savings Amount =	2417992.00

$$\text{Percentage of Worslip} = \frac{\text{Excess Amount}}{\text{Approved Amount}} \times 100$$

Percentage of Worslip =	12.75 %

Ravi Kumar .H
Contractor

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಯಲಹಂಕ ವಿಭಾಗ

Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and	Sqm	139.23	477.30	Rupees Four Hundred Seventy Seven	